CloudBoot

Infrascale's One-Click Disaster Recovery as a Service

As a company's dependence on computer systems increases, so does the need to ensure that business operations can be recovered with minimal disruption in case those systems go down. In this competitive landscape, can any business afford downtime?

For too long, companies have rolled the dice without a Disaster Recovery (DR) solution because it required a heavy infrastructure investment and additional IT resources to build and maintain an off-site DR environment.

With CloudBoot, companies can ensure business continuity with a more flexible, automated, and affordable DRaaS solution. You can boot and run the backup of your systems and applications in the Infrascale cloud in minutes in case your production systems go down. Unlike other offerings, CloudBoot covers VMware, Hyper-V and physical servers and equips you with the ability to boot your critical applications in one click.
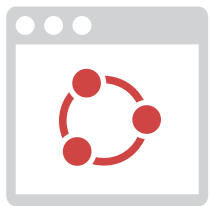
One-Click Recovery

With CloudBoot, your company can boot and run the backup of your systems in less than 15 minutes, with one-click. System administrators can log into the Infrascale web-based dashboard from anywhere, right click on the desired system, and boot it up automatically. The system starts in the Infrascale cloud and you will receive an email notification when it's ready for login.
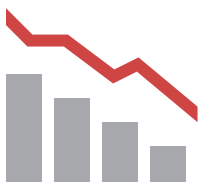
All-in-One Solution

CloudBoot is integrated with the Data Protection Appliance, so you can boot backup systems right on the appliance, which protects against serve failure. Purchasing the Data Protection Appliance means that you've already paid for the launch pad for a full DRaaS solution. All you have to do is purchase cloud storage so that you can replicate your backup to the Infrascale cloud and boot in the cloud to protect against infrastructure failures (e.g. power outages, connectivity issues, and natural disasters)

With CloudBoot, you can sleep easier knowing that if a real or man-made disaster occurs, you can be back up and running in minutes.

Spend Less

When IT professionals start exploring business continuity and disaster recovery solutions they quickly get priced out of the market. They want enterprise functionality, without enterprise pricing. CloudBoot was designed for small and medium businesses and the partners that serve them.   Because our disaster recovery solution is baked into our hybrid cloud backup solution, it dramatically reduces the costs of building, maintaining and testing an off-site DR environment.

KEY BENEFITS

01 | ONE-CLICK RECOVERY

Streamline recovery of critical applications and data to one-click to minimize the impact from downtime.

02 | ALL-IN-ONE SOLUTION

If you've purchased Infrascale's Data Protection Appliance, you have a launch pad for a full DRaaS solution. Add on cloud, and you're ready to go.

03 | SPEND LESS

Compared to expensive high-availability solutions, CloudBoot is an effective and affordable failover solution for business continuity and operational resiliency.
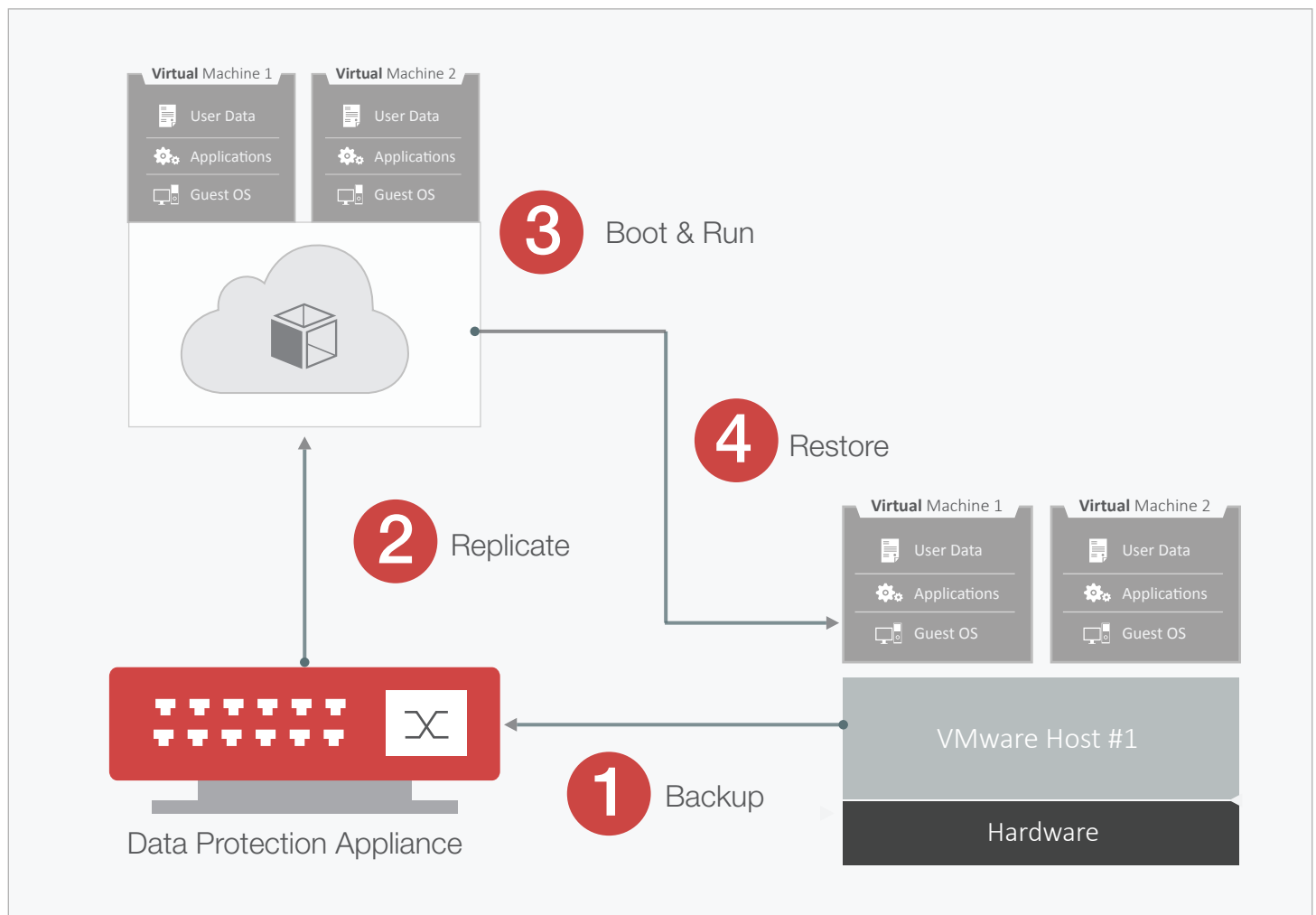
How It Works

The Data Protection Appliance backs up your systems, typically performing a full backup every week and an incremental backup every night in between the full backups. These backups are stored on the Data Protection Appliance and are also replicated to the Infrascale cloud. Virtual machines are stored in their native disk formats. Physical Windows servers are converted to virtual machines and then stored.

Suppose disaster strikes and your building catches on fire, taking out your primary storage and backup appliance. With CloudBoot, you can log into a cloud-based dashboard, navigate to the specific servers destroyed by the fire, and right click on the systems that you want to boot up.

CloudBoot extracts the systems from their backup storage, prepares them for boot up by injecting the appropriate drivers, enabling remote login, and other related actions, and then loads them into our virtual environment. When the systems are ready, the affected users receive an email notification that the system is ready for use.

When your production systems are back online, you can right-click the system to restore it to its production environment. The exact steps will depend on whether the system was originally a virtual machine or a physical server, but in all cases the systems will be restored including any changes or transactions performed in the cloud.
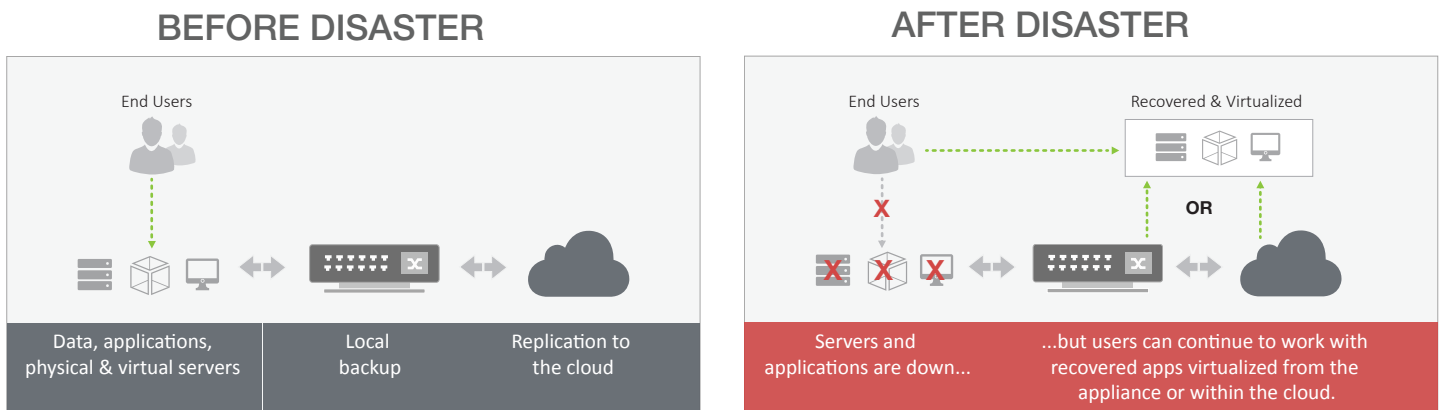
Supported Environments

- **Virtual Servers:** Boot VMware and Hyper-V virtual machines.

- **Physical Servers:** Virtualize and boot Windows 2003 SP2, 2008 R1 & R2, 2012 R1 & R2 physical servers.

Conclusion

CloudBoot is ideal for any business that lacks the expertise or does not wish to provision, configure and test their own off-site DR environment. With the systems now virtualized within the appliance and the cloud, your business can conduct "business as usual" and redeploy IT resources to fix the server issue without compromising any data or incurring any downtime.

BEFORE DISASTER

End Users

Data, applications, physical & virtual servers	Local backup	Replication to the cloud

AFTER DISASTER

End Users   Recovered & Virtualized

OR

Servers and applications are down...	...but users can continue to work with recovered apps virtualized from the appliance or within the cloud.

About Infrascale

Based in El Segundo, California, Infrascale is an entirely new approach to cloud backup and disaster recovery. Wickedly fast, infinitely scalable, and so simple that customers spend just a few minutes a week managing it. Infrascale's cloud software allows organizations to protect their data — faster, smarter, and with a bottomless cloud. Infrascale protects servers (physical and virtual), applications, desktops, and mobile endpoints, across 50+ operating systems, delivering total data protection that's changing the way companies think about backup.

" Infrascale is making the cloud the centerpiece of its hybrid backup model and leveraging appliances as efficient gateways to accelerate cloud-based data protection, while offering user-configurable policies that govern what data is retained locally."

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CoolVendor

Each year, Gartner identifies new Cool Vendors in key technology areas and publishes a series of research reports highlighting these innovative vendors and their products and services. Infrascale has been designated as a Cool Vendor for Business Continuity and Disaster Recovery for 2015.